Yi2
7398
F 2

1

No 2

Diseases of fever

particularly

madness —

Order — next year — on the faculties on
the mind. 2 general remarks — from
p: 14. 3 proximate causes. & Symptoms.
5 History of all its forms in mind &
beginning with Hippocrates — the case begin
with Hippocrates — the same —
& melancholy — Divide into
mania — maniacal — Derangement of Will
— memory — fatuity — Hypochondria &c

V nay — more — I have saved several patients after the 2nd stage, and in whom convulsions indicated the near approach of death. I ~~attended~~ ~~[illegible]~~ Mrs Hunter Jan 28 1801 who is recovering upon it by the loss of nearly 100 ℥ of blood ~~[illegible]~~ bleeding: — Remember ~~[illegible]~~ moderate V.S will do nothing here. — more V.S. is necessary according to the state of the ~~[illegible]~~ pulse than in diseases in which nature can relieve herself by spontaneous discharges, as from the fauces, & lungs. There is no back door to the brain. Apoplexies can relieve themselves only by a fatal effusion of water into its ventricles.

dis~~ease~~case & I bled Doctor Lenox 7 times
Mrs Brooks - Mrs Elliot - & Capt Moffat's
in it in the Space of 7 days. Before I used Vs.
daughr this winter 1797.8.
in this dis~~ease~~case, I lost 29 out of
30 of all the persons I attended. Since I have
adopted this remedy, I have not
lost one where I was called in the first
stage of ~~the~~ disease, & where I ~~could~~ had the
uncontrolled exercise of my
~~use my own~~ judgement. ~~unrestrained~~
~~by a Consultation~~. I know that
my Brethren refuse to admit that
I cure Hydrops: intersens by Vs.
— But I call upon the living, &
the dead to contradict the facts
I have ~~ju~~ thus stated. It wd

5 V worm med.ᵛ – for they are direc=
=ted ag̃ its Cause. Pink root never
to be used in this case

be strange if in my extensive practice I should not meet with cases of this disorder as frequently as my Brethren. I do meet with them, & cure them. And I dare the most ~~invision~~ malignant of my enemies to prove the contrary.

The 2nd Remedy is purging. This shd. used every day. Cold Jal to be pref.

3 Blisters, especially to the neck and head. — They assist V in depleting, & perhaps they create a counter action in the System.

4 cold water & ice shd be applied to the ~~brain~~ head. V

5 A Salivation. This acts as in other inflam. fevers by

I cannot dismiss this disease without taking notice, that it is still considered as incurable in Great Britain, and in other European Countries. Dr Monro of Edinr. has declared lately from his chair that he has never seen it cured. In this city it formerly proved generally fatal. One in 30, or 40 recovered by a salivation. ~~It~~ To the Lancet – ~~to the Lancet – to the Lancet~~ Gent. ~~chiefly belongs~~ (that "magnum Dei donum" as Dr Mead stiles opium) To the Lancet I say chiefly belongs the honor of subduing this over persuasive & insiduous disease, and thereby not only of wiping away a part of the reproach of medicine, but rivers of tears from the eyes of ~~parents~~ afflicted our fellow creatures. ~~It was my unfortunate lot to introduce the use of this remedy into practice in this city. If for an innovation that I have made did I suffer for a while~~

depleting, & by abstracting morbid action from the Brain, & fixing it in the mouth & Throat. It shd be used only after the ~~vio~~ reduction, or weakening of the Phlogistic by perhaps Bark wd be useful to give tone to the System after the disease is subdued, especially where it has followd the inflammd fever. The Cold Bath is highly proper to prevent a relapse - for the Brain when once weakned by any disease whether Apoplexy - madness, or Dropsy of the Brain is liable for years afterwards to be affected by each of them from slight causes. Go to p: 46 for nephritic state of fever.

39 on Dropsy

from one obloquy from my brethren. "let him alone, - said one of them - he will soon - destroy himself - he bleeds in the ~~Dro~~ Dropsy"! - This ~~of~~ Physician afterwards adopted the ~~use~~ lancet in the cure of this disease - and I have great pleasure in adding that ~~it~~ this remedy is now adopted in ~~all the~~ most of our physicians by ~~in our city~~ in this disease, & It is true, some of them do not admit that they bled in a Dropsy of the brains, ~~by~~ but it is certain, hence we have not more than one or two deaths from ~~that disease~~ it in a year in our city. -

that I have ma

~~of the morbidical state of~~

~~Fever.~~ of madness.

I once entered upon the discussion of this disease ~~with~~ by declaring that I felt as if I were about to tread upon sacred ground. I thank God this is not ~~the~~ now the case ~~now~~. I enter upon this ~~task~~ of fever with, uncommon pleasure, for I hope to make its proximate cause, and its cure, ~~as~~ as ~~plain &~~ obvious as the most simple process.

We proceed now to inquire into the proximate cause of ~~fever~~ derangement. I was taught in early life to believe that ~~madness~~ derangement in all its forms was seated ~~what is called~~ ~~See p. 251~~ in the mind. ~~Dr Cullen taught~~ This opinion at once checked

for the mind was a "noli me tangere" in all our books of medicine.

That madness is not seated in the mind I infer from all its operations being in a sound and correct state, while it is under the influence of ~~the most powerful~~ the passions of grief, fear Love &c for months & years. The impression of these passions must be so great as to bring the blood vessels of the brain into sympathy, or they cannot induce madness. Nor is it a new occurrence that ~~this should be~~ the passions should act thus forcibly on the blood vessels. ~~cast~~. We daily see ~~pass~~ the whole Arterial System ~~affected~~ excited into a momentary fever without madness, by means of the same passions of the mind.

all inquiries into its proximate cause, ~~for who can tell the seat~~ Dr Cullen taught me to place it in the nervous system. Here all the Physicians of the present day continue to place it, without even attempting to describe the precise change which ~~state of the~~ takes place in the nerves, or brain in this dis~~order~~case. ~~Having failed of curing~~ madness under ~~the direction of this theory~~ (~~caught by accident~~) I have ~~many years ago~~ ~~entirely~~ abandoned it, from a conviction that no theory of a disease can be true, which does not lead to an uniformly successful mode of treating it.

After many ~~fruitless~~ painful

That madness is not seated in the nerves, I infer from ~~the~~ Derangement not being produced by Hysteria, or Epilepsy both of which deeply ~~and~~ affect the whole nervous system. The faculties & operations of the mind in the intervals of the paroxysms of these disorders are as clear and easy as in ordinary health. — In fevers from cold or contag.n morbid excitement ~~of~~ often passes from the blood vessels into the nervous system, In like manner ~~the mental state~~ in ~~madness passes~~ ~~from the~~ madness, morbid excitement passes from the mind & nerves into the ~~blood vessels.~~

Having failed of curing madness under the direction of this theory, (except by accident) I have long ago, abandoned it, from a conviction that no theory of a disease can be true, that dont lead to a successful mode of practice in it.

After ~~careful study, and~~ many painful & laborious ~~anxious~~ researches into the seat of this disease, and into the ~~state of~~ changes which are induced by it into the System, I have at length satisfied myself, that it is seated primarily in the Arterial System ~~blood vessels~~, and that During it is ~~nothing~~ induced by nothing else but a morbid action ~~action~~ in the blood vessels, which has been called inflammation. — It is exactly the same in its nature with the common & obvious morbid actions ~~inflammation~~ which take place in diseases of other parts of the body, particularly ~~particularly the~~ Viscera. — To prove this, let us first attend to the usual phano=

we shall find they accord with ~~each other~~ the phenomena & effects of the most common diseases, and thus we shall add new and fresh proofs of the Unity & simplicity of disease.

morbid action of
-mena of inflam^n, and to the ~~ap-~~
effects of it in the system before
~~-pearances which are exhibited by~~
~~it~~ After death in ~~p~~arts of the body
which are obvious to our examination.
The phenomena or symptoms of madness
~~they~~ are 1 a sense of fulness, and
sometimes pain in the part affected.
This always occurs in the ~~first~~ forming
state of madness. Persons ~~disp~~ tending
to this dis~~order~~case often complain of headache
and a fulness and tension about the
forehead. ~~Shakes~~ This premonitory
symptom of madness ~~is taken notice of by~~ did not escape
Shakespear — hence we find he describes
King Lear in his tendency to it as frequently pressing his hand
upon his head. —
2 There is ~~pecu~~ a quick, full or tense pulse
in madness. ~~Of~~
To

1. His execution in consequence of my opinion was suspended, ~~and~~ until the public resentment subsided, after which he was pardoned by the ~~first~~ Pres.t of the U States.

V of fever, now this occurs in all cases of ~~toxic or~~ inflam.y madness.

4 a white tongue, frequently occurs in madness. This is a sign of inflam.y fever. It is remarkable that the tongue is never dry in this ~~disease~~ case. - The same observation has been made of the state of the tongue in pulmonary consumption. It would seem as if a dry tongue, and the absence of excitement in the muscles, were necessarily connected together, & vice versa. The muscles in consump.n & madness still retain their excitement.

5 The blood drawn in madness indicates signs of great ~~inflam.y~~ morbid action. It is sometimes sizy, but it often discovers marks of still higher degrees of ~~inflam.~~ morbid.

this I have scarcely ever met with an exception. Under the influence of ~~this fact~~ the Uniformity of this Symptom, I declared that one of the men who was under sentence of death for treason committed in the western country in 1794 ~~last Spring~~ to be insane, only because his pulse was 20 strokes in a minute quicker than natural. This insanity was supposed to be counterfeited - But the change of his pulse satisfied me of its reality. ~~The Cow~~ The pulse of his Compa=nion who was likewise under sentence of death was no quicker than natural. Of Course, I was not disposed to ascribe the quickness in the man ~~His excitation in consequence of his opinion was~~ suspected of counterfeiting madness, to fear. 3dly Wakefulness is a sign

diathesis. The brain is often yellow, & sometimes so colored with red blood as to form the lotura carnium, or the resemblance of the washings of flesh. In two of Lieutaud's dissections of maniacs he tells us that the brain was of yellow color, probably from a change induced in the action of the vessels of the brain by the brain of the blood in a highly inflamed state. But

6th turn over

~~Obj.~~ I infer that madness is the effect of morbid action in the blood vessels of the brain, from its being cured by the same Remedies which cure morbid actions in the blood vessels in other parts of the body. These Remedies shall be mentioned hereafter. + go to No. 10. p. 12

Lastly - from the appearances which succeed inflammation in other parts of the body. These are a disruption of the blood vessels, - water - pus, - or schirrus - Now each of one, or all of these morbid appearances are found in the brains of mad people after death. Mrs Henry's case - The preternatural hardness of the brain in maniacs which is taken notice of so frequently by Lieutaud, & called by him Durum - Dicum - praeduram &c is a true schirrus. It occurs only after chronic mania, and the disease in this case ceases, as the formation of schirrus

6 ~~Bot~~ I prove madness to be the same seated in the blood vessels, from causes which induce it, producing under peculiar circumstances diseases of the brain which evidently belong to the blood vessels, as apoplexy, Dropsy of the brain. ~~Epilepsy.~~ ~~turn back again.~~

7 I infer madness to ~~be~~ arise from an morbid action in the blood vessels of the ~~inflamm. of the~~ brain from its occurring chiefly in that period of life in which violent inflamm. diseases of all kinds are most common. This period ~~I shall be~~ mentioned formerly ~~presently~~. ~~turn back to 8.~~

8 I infer the seat of madness to be in the blood vessels from its occurring in certain brute animals in whom the

or the effusion of water in other parts of the body. V.

In the course of my research I have contracted — integuments scarcely adhere to the state of the Brain in maniacs after death, but but two cases in which I met with but ~~one~~ cases in which there were no morbid appearances in it. The ~~Case~~ one dissection is related by Dr ~~Stor~~ Stark the other by Dr Coll in his Ratio medendi p: 242 vol: III. At first it pussled me, ~~and~~ ~~at~~ it seemed to favour the idea of madness being seated exclusively in what is called the mind. But several dissections of persons who died of the yellow ~~fever~~ in 1793 the brains who had ~~comp~~ discovered ~~strong marks~~ by delirium, & coma ~~violent~~ ~~inflam~~ of an ~~affection~~ of the brain, but in whom the brain exhibited no marks of inflamn: or disease of

causes which induce it can hardly be admitted to act upon mind, or upon ~~the~~ a nervous system. Out of 36 disputations of mad people - no difference between their brains & persons who died of apoplexy & epilepsy. Pinel. turn back to 9 opp: p 10

10. From its alternating with many other diseases evidently seated in the blood vessels, as consumption - Rheumatism [young Mr Penn's case] ~~and~~ Dropsy - & intermitting pueperale fever.

11 From all the usual varieties in the pulse occurring in it which take place in fevers, & ~~inflammation~~ recovery from madness.

12 From a temporary ~~frenzy~~ being produced by compressing the carotid artery by Dr Parry. - com: to Dr Priestly.

13 From no inflam: being perceived in the brain of a person in whom an abscess on the groin & a disorder in the lungs lead by a propagation of morbid action and madness. See Crichton's thesis. p: 51. to those parts. He died of

In these cases either the morbid action transcended the inflammatory action any kind, ~~and a case satisfied me~~ or there was ~~that it is possible for~~ such a retro=
=cession of the blood ~~to take place~~ from the brain ~~in~~ in common with the skin, ~~as~~ just before death, as entirely to obliterate all signs of inflamm.n or disease in the brain.
a Case similar to those mentd. in the year 1793. occurred ~~last year~~ in 1795 in the Perrosy.n hospital. a patient who ~~appears~~ died of a fever with great pain, & strong marks of inflamm.n in the brain, exhibited by dissection no marks of disease in his brain, ~~and~~ ~~probably~~ one of the cases before men=
=tioned, ~~the~~ ~~It~~ appears then that ~~Inflamm.n~~ —

V ~~There is an o~~ In the disputations histories of the of persons who have died maniacal, I have found frequent accounts of the Liver being in a morbid state, and I have once observed it in a certain Lesion in the Pennsylvania hospital. I have ~~omitted~~ supposed ~~the mention~~ ~~this affection of the liver~~ those cases of ~~in~~ madness in which ~~the liver to~~ has been affected ~~wholly to the influence of Ardent spirits which affect the liver~~ to have been produced by ~~Specifically~~ ~~its~~ One of the most frequent causes of madness: Intemperance in the use of ardent, or fermented liquors, specific the effects of ~~which~~ these liquors in ~~producing~~ bringing on a disordered state of the Liver I mentioned in a former lecture. — But where this has not been the case, the affection of the Liver may be easily accounted for upon the principle of an increased Circulation ~~excited~~ by the ~~mentioned in our last lecture~~ ~~by observations~~ ~~by that Gout~~ furnished Basious we account for many madness.

the proximate cause of 13 morbid action or
Madness is in all cases ~~the~~ an
inflamm.n of the brain. It is a true chronic
~~common~~
Phrenitis. It is to Phrenitis what
pulmonary consump.n is to Pneumony.
— a chronic state of an acute
disease. — It resembles pulm.y
Consumption further ~~it being accom.~~ in the
~~-~~ excitement of the muscles, and in
the appetite continuing in a
natural state, or in a state of
preternatural excitement. — see more dissections in small yellow fever
mem.m book.
I conclude therefore that there
can be no alienation or derangement
of mind, without more or less mor-
-bid action in the blood vessels of

In reviewing the numerous proofs of the existence of this fever in madness, we cannot help being struck with the ~~so~~ histories of this disease that has given ~~so~~ by many ancient & modern writers all of whom describe the "Absence of fever" to be one of its characteristic symptoms. This fact should teach us to extend our views of the blood vessels in our researches in pathology, and to attend more frequently & closely to the pulse in investigating the signs of diseases. It should likewise teach us great caution in taking up our opinions of ~~disease~~ diseases from books. —

the brain or in other words without fever.

By Derangement I mean every depar=
=ture of the mind ~~from~~ in any of
its faculties, or operations from its natural Order.
It differs in its degrees; as to the
nature & number of the faculties its affects,
and 2ly as to the extent of its influence
upon particular faculties ~~&~~ or upon
their operations. — What is common=
=ly called madness affects 1st the Under=
=standing ~~in the~~ chiefly — and that
in three ways. 1st It produces error
in the Understanding with respect
to the person ~~concerned only~~ himself who is affected
by it. 2d: a man in this state
of madness sometimes fancies himself ~~indisp~~

This ~~arises~~ may arise from two causes 1st

1st ~~Either~~ from a disease in ~~the~~ the nerves themselves, or 2dly from disease in the brain.

The former is morbid sensation. The latter only is a symptom of madness. In consequence of this diseased action in the brain the patient mistakes

to be a animal of another species.

2 It produces derangement with respects to ~~subjects~~ some ~~one~~ & but one subject foreign to the person affected. This is called melancholly by Dr Cullen, or partial Insanity.

3. It produces derangement upon all subjects. This is called by Dr Cullen universal madness. — It is very different in its degrees, ~~It affects the~~ or in its effects upon the different operations of the ~~understand~~ mind.

For 1 It affects perception. This is the highest grade of madness. In this state the senses deceive the patient. ~~Hence he~~ He mistakes the

nature of the Objects which are near him. ~~Thus~~ ~~In the~~ we have a striking illustration of this grade of madness in the tragedy of Sophocles in ~~which~~ the character of Ajax. He becomes mad in consequence of Ulysses being preferred to him in the Competition for the Arms of Achilles. In one of his ~~fitts~~ fits of madness he runs into the fields and slays a number of ~~Herdsmen~~ shepherds with their Cattle under an Impression that they were Agamem=non - menelaus & others, who were accessory to his dishonor. afterwards he ~~brought~~ brings a number of the cattle to his tent, and among them a

1 They likewise mistake the persons who visit them — Some of your excellent Peruvian Gentleman in the hospital 3 years ago who supposed me to be his father the first time I saw him. — I humoured the ~~decr~~ false perception, & thereby more speedily gained an ascendancy over him. — It is called Ideal madness by Dr Arnold, but more happily discased perception by Dr Creighton.

2 It produces false or discased aspirations. Thro mad people know this friends, but ~~[illegible]~~ associate with them acts ~~and~~ different in time, place and nature from what is correct, or according to truth.

large Ram whom he put to death for his rival & Antagonist Ulysses.

Patients in the delirium of fever often discover this grade of madness. — They imagine persons to be present who are absent from them, and when the mind is distrubed by guilt they often cry out that they see infernal spirits around their bed, wanting to ~~seize~~ snatch them to a place of torment. a and

A lower degree of madness is false judgement ~~from~~ but with just perception.

Persons in this situation know

v Sometimes the Judgement is correct in madness, but founded wholly upon false or diseased perceptions.

natural & rational degrees of kind=
=ness & justice. ‡

~~Hence pro see Great. The Applicat.~~

2dly Again – Derangement, ~~or~~ a want of order in the Mind is seated in the memory. — There is a weakness & an absence of memory with a correct ~~perfect~~ state of the Understanding. There are also other diseases in the memory to be mentioned hereafter. ✓ —

[The will sometimes acts without the Consent and in opposition to ~~of~~ the Understanding. This I have witnessed in the delirium of fever, or what ought to be called febrile delirium] —

several examples of it in public as well as in private life. —

4 Derangement is seated in the moral faculties, or to speak more accurately in those parts of the brain which are the

~~[The lastly The will sometimes acts without the consent of the moral faculties of the mind producing what are called vice & crimes]~~. Seats of moral impression, and motion. Disease here discovers itself by conversation & actions which are contrary to moral principles & habits.

5 Derangement is seated in the passions. Disease in this case discovers itself by their excess, or weakness, and by their having a wrong or perverted direction.

~~5th Lastly~~ The will sometimes acts thro' the medium of the passions with the Consent of the Understanding, in an irregular or deranged manner producing what is called - folly. All these states ~~they all depend~~ ~~Voluntary Crimes~~ or grades of derangement depend in my opinion as much upon or morbid action in the brain as wrong, any of the states of madness which I ascribed to the Understanding.

6th Lastly - There is a total absence of ~~truth~~ - Understanding, memory, will, ~~and~~ ~~of the~~ & passions, moral faculties in some cases. This state of

derangement is called Fatuity or Idiotism — Perhaps mania w^d be a more scientific, or more suitable medical term for this disorder. From the short acc^t I have given of the morbid states of the brain wch affect the mind, you will now see how necessary it was in our physiological lectures to treat upon the faculties & operations of the mind.

On what specific action as to degree, or place in the brain do all these different states of disorder in the faculties & operations of the mind depend? — Fine gent. I have no doubt will furnish an answer to this question. I hinted

formerly that I believed each faculty of the mind had a precise seat in the brain, & that every operation of these faculties was accompanied with certain definite motions in the brain. If this opinion be admitted, the various states of derangement that have been described ~~be~~ are explained at once from the greater or less extent of morbid, or wrong action in the brain.

We proceed next to inquire into the remote causes of Derangement in the faculties & operations of the mind. They are such as act directly upon the blood vessels of the

The passions of anger, joy, fear & love, grief, envy have often deranged every faculty of the mind. — all these remote causes of madness ~~they all~~ produce their effects by inducing ~~great~~ direct, or indirect debility on the blood vessels of the brain. This debility disposes them to morbid action, in which I have said the proximate cause of derangement consists. —

~~but in causes but~~

It would be useful to inquire in what ~~the~~ Countries & states of society, Chronic madness is most common, and to fix the causes which induce it; By this way a large ~~addition~~ deduction might be made from human misery.

V But Revolutions more frequently produce madness. Injustice - Cruelty, the loss of friends & property, too often characterize innovation as well as the the destruction of Governments, and hence the great scope that is given for the passions to act upon the brain. M. Volney ~~I have been~~ informed me when in this ~~has spoken in this~~ city, that there were ~~are~~ three times as many mad people in Paris ~~now~~ from the inundation of the above vices, and calamities upon that city, as there were before the Revolution. [illegible]

Religion ~~[illegible]~~ is rarely a cause of madness in France owing to the prevalence of the Catholic profession of it, & of Infidelity ~~[illegible]~~ in that Country. Suicide is so often the effect of madness is less common in ~~[illegible]~~ Catholic, than in protestant Countries, owing Dr. Hebbern says to the facility with which ~~[illegible]~~ distressed people from guilt relieve their minds of their burdens by confessions. — more suicides in

In Revolutions, diseases of the brain of all kinds are more frequent, than in times of general tranquility. The apoplexy was once epidemic in Rome, from the solicitude & distress induced among all ranks of people by the calamities of the general war in Europe ~~of the year~~ in — 1694

Madness is a frequent disease in Countries where Speculation is substituted to regular trade, and where great fortunes are made, or lost suddenly. — The Bedlams of England were crowded with patients after the bursting of the South Sea Bubble in 1720.

in Paris, than in London 1[illegible]0 in 1782 - but 32 in London same year.

V In Countries where pride is the ruling principle of men of all ranks, madness is a frequent disease. Mr. Townsend says there are 664 mad=men in the different hospitals in Spain. - In this country, titles & ~~family~~ rank ~~antiquity~~ constitute the principal happiness of man, and the loss of them, is the principal source of his misery. ——

+ Mr. Stewart informed me that he saw no cases of madness in Turkey, ~~or Arabia~~ & Dr ~~Johnson~~ Scott who accompanied Lord McCartney in his late embassy to China informed ~~me~~ that he heard of but one case of it in that country, & that was in a merchant who suddenly lost an immense fortune by an unsuccessful speculation in goldust. They both said fatuity was common in both those countries. ~~On enquiry~~ in S. America among Indians ~~& Spanish Reds~~. Humbolt

It was remarkable that ~~the~~ more of the successful, than of the unfortunate adventurers in that speculation, were affected with derangement.

In the Despotic Countries of the East, where the public passions are torpid, and where it is sometimes unsafe to cherish even those passions which are of a domestic nature, derangement of the Understanding is hardly known. ~~But cases of fatuity are very common.~~ The mind here ~~becomes less~~ dies from the absence of stimulus.

A rare disease in warm Climates. Mostly.

In the United States of America madness Untill lately was a rare ~~disorder~~ case. The principal cases of it

JOHNSTOWN, July 6. 1798

~~We are informed that~~ a farmer, ~~a small distance back in the country~~, having deposited one thousand bushel of wheat in Albany; after reapeatedly refusing 20 shillings per bushel for his wheat, went down a few days ~~since~~ to ~~make~~ sale of it—finding his expectations disappointed in getting an enormous price, he went home and ~~actually~~ became infane; in consequence of which it ~~has been~~ found necessary to chain him—~~So much for an inordinate thirst after filthy lucre.~~

[Mohawk-Mercury.]

V taken from the Mohawk Mercury.

~~In the neighborhood of Johnson~~ in the State of New York a few years ago [1800] deposited 1000 bushels of wheat in Albany. After repeatedly refusing some weeks afterwards went down to Albany to sell it. ~~Grain~~ the price of grain had fallen to 12/6 — he went home & became insane.

V It is said to affect men of active and strong minds, more than persons of a contrary character — hence the saying of the poet — "Great wit, & madness nearly are allied." But this remark is far from being just. I think I have observed more cases of ~~weak~~ disarrangement in men & women of weak Understandings, but with strong passions, than in persons of strong & ~~vi~~ active Understandings. Madness which is induced by causes which act directly on the blood vessels knows no difference in its subjects from a difference of Intellects. —

formerly were from drunkenness. The late increase of maniacal patients in our country must be ascribed to that ~~fluctuating~~ capacity for wealth, ~~and to the instability~~ & great frequent changes ~~of property~~ ~~of paper~~ which has been introduced among us by the ~~paper~~ ~~arrangements~~ fluctuating value of money ~~into~~ & articles of merchandise ~~of~~ the United States. I ~~shall mention~~ might mention many ~~cases~~ recent cases of madness from this cause. One ~~shall suffice~~ Madness affects those persons chiefly who are of a sanguineous, or nervous temperament. ~~Here terminating in causes.~~

~~It~~ It seldom affects persons under puberty. ~~But~~ But two instances ~~only~~ occurred in the records of our hospital of its affecting young persons. One was ~~affecting a~~ a boy of 11 years old, many years ago. the other a black boy about ~~of last year~~ in 1799. Dr Greding (a German physician) ~~says he saw known~~ ~~the prodromic case of irritability~~ ~~our sensibility~~ ~~in child born under~~ mentions the case of a child that was born mad, ~~& died of an~~ It discovered its disease by great strength. It died

⊙ of atrophy ~~about~~ in cutting its teeth. The Dr mentions many cases of children born idiots. the boy of the mad & stupid for 3 years in bed: of immoveable limbs. however violent they may be,

they are seldom so disable as to induce a morbid state upon the brain.

⊙ It is more apt to affect women than men from their being exposed to more of its remote & exciting causes as menstruation - child=bearing & giving suck. But ~~out~~ of 8874 patients in Bethlehem hospital between the years 1748 & 1794 - 4832 were women - nearly $\frac{1}{5}$ more.

V For ~~general~~ several generations his ancestors had become mad ~~about~~ in the 50th year of their lives. —

+ I have ~~seen~~ such a degree of derangement in a child of 2 years old in the Colera Infantum as to lead it to bite its mother and itself. Its eyes dwell mollet had the wild appearance common in madness Crane's Ch. d. Fact. The reason why children ~~you~~ of persons under puberty are so seldom affected by madness must be very obvious. mental impressions which are its most common cause, are of too transient a nature in their effects upon them to excite them into ~~violent~~ actions

The predominance of irritability, or irritability under
Firstly: protects the system from madness,
from all those causes which act on
the nerves & mind; The remote causes
which act on the blood vessels induce
~~madness~~ that state of madness which I
have called delirium, as often in child=
=ren and grown people.

Old people are seldom affected by
madness. Owing to the diminution of
the vibratility of the blood vessels in
the waning of life. The family of the
late General Montgomery furnished
one among a few exceptions to this remark. hence
the general once expressed his wishes
to a friend from whom I received the anecdote,
that he might not live
to be old 2ly that he might die sud=
=denly, and 3ly that he might have

Maniacs are seldom long lived. is the oldest related by Dr Gseding. A certain Hannah Lewis died in our hospital in nov^r 1799 in her 87th year who had been deranged 50 years from grief brought on by the death of her husband. She belonged to a long lived family. She lost one sister at 82, & had a mother living at the time of her death 94 years of age neither of whom deranged.

Dolens takes notice of madness seldom occurring in old people, but he relates two exceptions to it — the one in a man above 50, and the other between 60 & 70. ~~In the year~~ 1799 we have now a negro in one of the cells of our hospital in the 93rd year of his age. p30. above now Cadwig 91. Augt 1801.

The moon ~~to~~ in its full & changing states has ~~been supposed to have~~ a powerful influence upon this in common with several other diseases. Lunatics are often called lunatics. I mentioned ~~this fact~~ the influence of the moon in fevers in a former lecture. It is of consequence to attend to it, that we suit our remedies to the changes which the different states of the

no children in case he married. ~~It seemed~~ ~~Heaven to~~ He was gratified ~~him~~ in each of these wishes. He died at 33, – he ~~expired~~ died suddenly on the plains of Abraham, & he left no issue to inherit the family disorder. —

Between 20 and 45 is the period in which madness most ~~occurs~~ commonly occurs. This circumstance I said formerly shews its intimate connection with the blood vessels, for it is within this period that fevers which are seated in the blood vessels are most common. The mind is now more exposed to those causes from family connections & wrong for passions. We proceed next to treat of the cure of all the different states of mental Derangement, and 1 of

moon induce upon the ~~disorder~~ system ~~go to~~ go to p. 26.
Here bring in Causes 28. go ~~back to p. 25~~ #
p: 517 no 11.

V ~~Obs Rain was no Moon~~ Persons in the decline of life are most subject to this form of derangement. Dr Burton in his Anatomy of melancholly says it affects persons born of parents in the decline of life more than other people.

~~the~~ Hippocondriasis, or of the Hippocondriac state of the System. —

This disease is the effect of remote causes which act both upon the body & mind. Ardent Spirits - repelled eruptions - the fluor albus - a suppression of the menses & haemorrhoids have often induced by by their direct action upon the body, while grief, and fear, debt, guilt - unfortunate love - ~~fals~~ gloomy ideas of religion - & homesickness - have often induced they their indirect action on the body thro' the medium of the mind.

The first impression of ~~these~~ the remote causes of this disease is generally made upon the stomach, & bowels, producing ~~these~~ in the former Dyspepsia or indigestion, a want or excess of appetite acidity &c and in the bowels flatulency, costiveness, Colic or Diarrhoea. —

Here the morbid excitement rests for some time, but in proportion to the force or duration of the ~~morbic~~ remote causes just now mentioned, it travels upwards and affects the blood vessels of the brain with a <u>feeble</u> & <u>partial</u> degree of morbid action, in consequence of which, derangement takes place with respect to the person's <u>self</u> only. The false perception or false judgment in this state of the system ~~are~~ is connected wholly with the patients dis~~order~~-ease. He imagine he is very ill – that he has a hundred or a thousand ~~complai~~ diseases that he is dying, and even that he is dead as I shall I say hereafter.

go to No. 11 of pract: lectures. p: 48B

#

0 Is fever – 1 symptoms – chills – fever – thirst – quick pulse –
2 comes on suddenly ~~with chills~~ as in scarlet fever &c.
after mania

This effusion is of different kinds according to the state of the action excited, force of the exciting cause – the and the part to which the morbid action is determined. The matters effused ~~consist~~ are as follow. 1 Air – this takes place evidently into the bowels in bilious fever, & I have suspected it occurs in the joints, & in other parts of the body. Mr Hunter saw it in an abscess. — 2 Halitus – or Vapor – This occurs in certain swellings which come on in the night in hysterical people & go off in the morning. It is most obvious in the eyelids. 3 Serum this occurs in Dropsies. It is sometimes simple as when found in the Ventricles of the brain & when discharged ~~by syringe~~ in quasca. In this case it does not coagulate, but it is more frequently found combined ~~with~~ & is never yellow in yellow fever.

Of the Hæmorrhagic state of fever — see no. 7. p. 275.

Of the Hydropic state of fever.

I have said that ~~all fevers~~ morbid action in the bloodvessels when left ~~to the vessels~~ itself tends to effusion. ~~of serum, lymph or red blood.~~

~~I have said that to~~ When serum alone is effused into any cavities of the body, or into the cellular membrane, it obtains the name of Dropsy. — ~~Two~~ There are several states of fever which ~~two~~ are more frequently accompanied with serous effusions than others — such

with coagulating lymph. In this compl state it is effused in ascites - Hydrothorax, & most other Dropsies. 5 Coagulating Lymph - This part of the blood is effu=
=sed most frequently in the kidneys & joints & lungs where it
it frequently converted into calcareous
But it is effused in the gall bladder - mesentery - bowels -
& pleura - according to the testimony of many authors. when
Spleen effused with it which is absorbed
before it is changed into stony matter
6 Red Globules are sometimes effused
~~Partly serum~~ ~~Coagulable~~
as in the kidneys & in the eye in red
spots - & in those petechia which re=
=semble mosquito bites. This is Boerhaave's exanthemata. 7 ~~Healthy~~
Serum - Coagulable lymph & red blood
are all effused - This occurs in all the
viscera from great force in the exciting
cause & great weakness in the part

as the Scarlet fever - ~~the~~ purpurile fever - and the Rheumatism. ~~In the~~ ~~2nd~~ all these fevers tend to produce these effusions ~~chiefly~~ ~~in~~ the Limbs ch. w. are called anasarca - the Intermittent fever tends ~~to~~ to produce those Congestions in the Liver, and other Abdominal viscera which terminate in effusions in the belly called ascites, but sometimes Intermittents suddenly produced a general Dropsy. I have heard of a Case in which very paroxysms ~~terminated~~ in this way. The ~~the~~ a neglected Catarrh, or a half cured pleurisy tends to produce that ~~effusion~~ in the ~~Lun~~ cavity of the Thorax ch. w. is called Hydrothorax, while the Remitting fever, or an inflam. of the brain produced

water was absorbed before the next fit.

affected. ~~It is called~~ a part thus affected is said to labour under Congestion — or Engorgement — ~~The~~ The difference between Inflamn & Congestion consists in the vessels in congestion being too much oppressed to act — In Inflamn they act but with irregularity — The effusion is the same in both cases. — When not resolved it is called Gangrene. — Here I must remark that Dr Cullen's definition of Inflamn is evidently erroneous. He makes it to consist in an increased action of the vessels — But we now see Inflamn may take place with a diminished action of the vessels from causes of stimulus. Had the Dr said Inflamn was accompd with increased excitement, he would have been correct. This excitement,

by blows, or falls, tends to produce ~~those~~ effusions of serum in the brain which has obtained the name of Hydrocephalus internus. — Drinking, dropsies, out of 120, are originally arterial diseases, and the ~~collection~~ water which has ~~also~~ been supposed to be the cause of the dropsy is as much the mere effect of preternatural, and excessive morbid action in the blood vessels, as ~~fol~~ gangrene, & schirrus are of previous inflammation. The cases of Dropsy from an original rupture of a lymphatic, without an original arterial disease are very uncommon; and still more rare

goes beyond action, as in congestion, & is often very great with but little action in the blood vessels. & There is an effusion of bone from the vessels of the bones.

Effusions of all the kinds which have been mentioned often occur in the violent morbid actions which accompany death, or the great ~~debility &~~ relaxation in the blood vessels which succeed it. — Hence the swellings of the body from sin & habitus, & hence the collections of water & blood which so often appear in dissections in all the cavities of the body. ——— ~~But to exhaust.~~ —

Mr Jno Hunter says these effusions are secretions. I have no objection to the opinion, as it establishes more fully the existence of a new, & morbid action in the B vessels previous to it.

are Dropsies from direct debility.
To prove that mere direct debility seldom
induces a Dropsy, let us attend to those
states of & conditions of the system ~~from~~
~~disease~~ in wch direct debility occurs
in the highest degree. 1 In old age this
state of the system is universal, and
yet how seldom do very old people die
of Dropsies! nay – how seldom do we
observe even a swelling of the feet to
take place in old people who sit for months
or years together in arm chairs
in by their fire sides! – 2 In the last
stage of typhus or low chronic fever, dropsical
swellings are unknown where
previous evacuations have been

used, or where they have been accompanying in the Jail fever. 3 Dropsical swellings seldom occur in persons who die of ~~atrophia~~ pulmonary consumption. 4 They never occur in ~~those~~ cases of marasmus & Atrophy, in which patients die at last from ~~a want of nutrition~~ from simple direct debility. 5 & lastly I have never heard of a single instance of Dropsy in those persons who have suffered, or died of famine. Now in death from this cause, direct debility is always in its highest degree. —

From this view of ~~the proximate cause~~ Dropsies, they naturally

divide themselves, like all other general diseases, into Dropsies of great and of moderate morbid action in the blood-vessels. The degrees of each may always be known by the pulse, for in all Dropsies, ~~can~~ there is always preternatural fullness, tension, quickness, slowness, depression, or intermissions as in all other states of fever. The slowness ~~& intermissions~~ occurs evidently in the Dropsy of the brain, & the intermission from Dropsy of the breast or heart. In short, the causes of all the ~~variations~~ different states of the pulse in Dropsy, are exactly the same as the causes of its different states in fever. — Of course, they

v commonly called Diuretics. as
Nitre & Digitalis. — These both act
as antiphlogistics — or Evacuants —
They act by diminishing the quantity
of Serum in the blood only. The vacancy
Obtained by this means is filled up
by the absorption of the stagnating
water. Strange that Vs should be
Objected to in this disorder! when Diuretics act exactly
in the same way by lessening the
quantity of the blood — what pud you think
The story of the two ~~boys~~ Irishmen — one drunk upon a barrel — w.
learnd — poh! you fool! —

indicate the same Remedies to restore them to their natural state of action.

These Remedies ~~are either~~ consist; ~~such as~~ in those ~~abstinence of stimulus by 1st~~ 2ly things which reduce a strong morbid action in the System, & 2ly in those which ~~red~~ overcome a weak morbid action in the System. The

~~I used it over & over with hemp. to have others. Bernot startled at this novelty. I have~~

I are 1 Vs. - 2 Vomits. 3 Jounges. 4 - warm Bath - & certain sedative medicines V ~~fas~~ fasting. 5 fas. 6 Cold. 7 The Remedies under the II Indication are tonics of all kinds - ~~both~~ vegetable & metallic, Opium - & Vapor Bath. 3 times a week cured. Cold Bath, ~~&~~ Exercise, for a particular Acct of the manner of using and of the manner of operating of each of the above remedies, I refer you to the 2d.

✓ ~~you have seen three~~ cases of
~~Rheumatism~~ it cured in our ~~Hospital~~
by the ~~applicatio~~ remedies I have
recommended, & used in the
above manner. in 1795.6.

✓ you have seen a case 1797.8 of a
Boy from the Delaware State cured
by the above remedies. —

volume of my Inquiries & Observations. I shall only add here that my success in the treatment of Dropsies since I have adopted the principles & practice contained in the above publication, has been almost uniform, ~~I~~ in recent cases. ~~I have as~~ even in ~~some~~ chronic cases I have succeeded much oftener than formerly, by the accommodation of my remedies to the varying state of the system as manifested by the pulse, for it is at all times (if not a primary disease) yet intimately connected with the Arterial System. But ~~my~~ the success of ~~they~~ the above principles & practice has not been confined to myself. many of

my pupils have adopted them in dif=
=ferent parts of the United States, & ~~have~~
with equal success. — [Dr Miller, lately of Dur
ham of New York
has astonished ~~the whole~~ his neighbour
by curing Dropsies by three & four
bleedings. — But why ~~do you~~ mention the
~~now~~ ~~the~~ ~~success~~ of Worth=
authority of a Physician in favor of that remedy?
=Carolina, I have ~~just~~ lately heard has
used the lancet with success in the
Dropsies of that state.] — ~~However~~
However new & unpopular ~~the~~ US:
may be ~~in this state~~ in ~~inflamed~~ the highly city
morbid
state of fevers with watery effusions (for
that shd be the name of toric dropsies)
~~may be in this city~~, yet it ~~was~~ is an
~~not introduced~~ old remedy in this
dis~~order~~ case. It was used by Botallus

v For its symptoms see Cullen – Difficult decubitus – rising up in sleep – Dyspnea – Cough Spitting blood – Swelled legs – palpitation – full intermitting. Like Consump: succeed half cured pleurisies & neglected colds.

In the Lungs – known by great difficulty of breathing, but no inability to lie down.

In the pericardium pulse quick & irregular.

+ The following kinds of ~~liquid~~ matter are confined in the Abdomen. 1 Serum of a white color. 2 Serum of a green color. 3 Serum & a substance like milk mixed with it. ss James. 4 a ~~wh~~ milky matter only. D Percival. Both Chyle from a ruptured Lymphatic. 5 a gelatinous brown matter ~~that~~ discharged slowly & with difficulty. ss Carter. 6 a gelly like matter

in Dropsies in France above 100 years ago. I have only revived it. —

I shall now a few remarks on the forms of Dropsy as influenced by its seat — Water when effused in the brain it has been supposed has been absorbed by ~~the~~ means of a Salivation. ~~That~~ in the ~~bra~~ head.

In the Breast — V.S. — Squills & Digitalis. — Remedies — Blister — D^r Mc Craine — purges — vomits — tight rollers — wine — Tam. & Tobacco —

In the Belly — owing perhaps to its being beyond the influence of its stimulus — a Salivation have cured recent cases. Digitalis here does no service. Tapping to be useful ought be performed early. Belly rolled when reduced by any of the above remedies — I have known but few cures by it. I have once succeeded by drawing off but half the water at a time. ~~The~~ I intended to have drawn the remainder in ten days — but before the ten days arrived it was all absorbed. This patient recovered. In old Chronic Ascites Tapping hastens death. Dr Hunter very properly advises not to perform the Operation in such cases. The Stimulus of distention keeps up the actions of life. The abstraction of this Stimulus — has hastens death. ~~I have seen not only~~ Quere water,

V Ovaria — Salivation — Uterus occurs in pregnancy — discharged spontaneous before — at 6 after parturition — Mrs Hughes — at — child dropsical. both died.

Scotsman — some cases — Cases —

Note

\+ too thick to be discharged by tapping. Mrs Price's case in the hospital in Decr 1794. Dr Physick & ~~Lewis~~ ~~but~~ felt an Undulation — we tapped her twice — no discharge — we suffered a good deal of reproach — said to be wind. pregnancy & a schirrous tumor. she died on 27th. on opening her we found this thick gelly like substance in Abdomen & in Cysts in her omentum, & left ovarium. Hydatids by gaining a bore — Blood by tapping — med. Com. III. p 104.

I have known death twice to follow the leaking of water after tapping. —

I have seen a case in which two differently colored fluids were discharged by two punctures in different parts of the Abdomen. The dropsy here was encysted. The inequality of the surface of the belly indicates Cysts — but a difficulty in moving the bowels is said to be a more certain sign.

Dr Lauffer of germany has lately cured Ascites by an injection of vinegar ~~tp^t~~ tp^o wind: & ~~what an~~ infusion of the willow tree after tapping.

Slowly & with difficulty. Mrs Carter. to a gelly like matter

~~but a substance like curded milk - (that is chyle) & a gelatinous humor discharged by tapping.) Death has followed a leaking of water after tapping in two cases that came under my care. Hydrocele~~ see below

Anasarca

with the Remedies for general Dropsy, the following shd be used - 1 a recumbent posture — Barclays' Ex 1802 & Grames 1802 - discharge from belly & legs as well as legs #.
2 friction upwards & only in the morning.
light bandages -
3 Blisters: 4 punctures - but never Scarifications.
5 salivation. Digitalis here useful - when attended with fever - binding the whole legs up in Carpenters glue & honey. Darwin.

Hydrocele - to be cured only by an operation.
Four modes of Operating - puncture, caustic, incision - and injection of wine & water after a puncture. The last to be preferred. ~~recommended for Anasarca~~

I have only to add that I have heard of one instance in which the Dropsy has been a family & hereditary disease. -

& miss Howarth bled 9 times in 6 months for pulmonary affection by Dr G. - when left off became dropsical - cured by punctures.

+ mrs Gibson Cases
& Thos Wharton

remote & exciting

1 I infer this from its causes.

These are marsh exhalations — cold & heat succeeding cold

chilly & hot

2 From its symptoms — these are fitt upon its first attack. — inflam: in pain — & frequently a quick pulse. The pulse is sometimes natural, but this we now know to be common in misplaced fevers. also from its affecting the viscera & testicles like other fevers, & turn over.

3 From its affecting like fevers all ages, & colors & both sexes, but strangers ~~chi~~ likewise.

4 From its affecting like ~~bili~~ the fevers of hot climates & seasons other animals, particularly horses.

It is a recent disease in Barbadoes, ~~It~~ It was unknown in the first settlement of the Island. ~~The chasing~~ ~~cultivation~~ ~~has by~~ the country by opening more

of the Scrophulous State of fever.

The Scrophula is supposed to be a specific disease of the Lymphatic glands. It is so – but it ~~seldom~~ never fails to bring the blood vessels into sympathy. Sometimes an original morbid affection of the bloodvessels affects the Lymphatics as in the Jail and yellow fever. ~~In both cases the cure of the disease depends~~

~~In~~ ~~There is a disease~~ in Barbados where it is is now endemic, & where it has been ably described ~~called~~ by Dr Hendy by the name the Glandular disease which I believe to be a symptom only of original fever – or in other words a misplaced fever. Whether the Scrophula be an Idiopathic

Sources for exhalation, & perhaps altering ~~the que~~ nature of the matter exhaled, has probably produced it.

— The people ~~in~~ of that Island do not say ~~because this disease has lately~~ upon this amount ~~appeared among them & was unknown to their Ancestors~~, that it was imported. No — they know how to think and to reason & they wisely ascribe it to the change induced in their Atmosphere by the closing of the Island; for at present there are no ~~winds~~ upon it.

go to No 7. p. 252 for Odontalgia
flate of fever & Adalbi. D.

H from its ~~prodrome~~ being attended with fissured teeth — swelled & black gums,

affection of the Lymphatics, or the symptom of a misplaced or transd. fever, the cure depends upon accom-modating the Remedies to the state of the pulse. If the pulse be full, or tense & the tumors red & painful, the Remedies shd be 1 Vs. 2 purges, & 3 low diet. In a contrary state of the pulse, the Remedies shd. be 1 Bath, 2 Common salt, or sea water - 3 Sea bathing. 4 Opium, ~~& 5~~ generous diet & 6 Exercise. + 7 & 8 9 Bandages. It is sometimes necessary that these ~~these~~ remedies should be varied ~~half~~ w: the varying state of the system half a dozen times in the course of the

as in fever, & from its ~~being~~ sometimes inducing sudden death. The blood Dr Hendy says is not sizy. This proves only that the disease was violent in its action beyond that grade which produces sizy blood. I shall read you his Acct p: 84. Still Dr Hendy says V.S. does harm, If it does it is only because it is used in too small a quantity. ~~The~~ It was produced by V.S in the Rheumatism only by the relax.n of the Vessels favouring effusion - more V.S. would probably have ~~[illegible]~~ cured this case.

Dr ~~Hendy calls~~ Hillary calls it a fever - & describes it as following intermittents - Dr Hendy calls it a fever too, but of a putrid nature - ~~If~~ so it must ~~be~~ be inflam.d in the highest degree. ~~[illegible]~~

It is remarkable the swelling is not attended with any sense of weight. —

disease, for as many exciting causes change the condition of the system here as in Gout or Pulmonary Consumption.

Since I have adopted this idea of Scrophula I have seldom failed of curing it when called in the early stage of the ~~disorder~~ disease. I have once cured it after it has cont.d for several years. Abscesses should never be opened, except near blood vessels, or bone. see Hamil. on the Scrophulic state of fever.

Many facts induce me to consider Scurvy as a form of fever. 1 It occurs from several of its causes — as cold, penury of food — bad food — depression of mind — retained perspiration, attended from marsh miasmata on shore. of this Dr Claiborne has furnished many proofs in his Thesis. 2 It has many of its

symptoms - as muscular debility - ~~thirst~~ - pains in the bones - petechiæ & hæmorrhages - It is a putrescent ship fever - suffocated in the skin & hence it is seldom attended with quick pulse or febrile heat. We see ~~in many cases~~ petechiæ & mere ~~to~~ death from them in some pestilential ~~fevers~~ epidemic without heat & quick pulse. The Remedies have been for one state of the system - viz ~~neg~~ tonics consisting chiefly of aromatic & pungent bases & acids. I have heard of fresh meat curing it in Russia. In India lifte in Vinegar has been found useful. ~~that tonics~~ ~~Bark has generally~~ cordial passions as a Battle - or the safe arrival in port have suddenly cured it without any change in the diet of patients - This shews the solids to be affected as well as the fluids - ~~If~~ a fever may it not have two states? & may not the fatal cases be owing to a want of accommodation of remedies to each state? Is called disease of debility in ~~Rus~~ plague & yellow fever.

of the Nephritic State of fever

It is often induced by Calculi, ~~for~~

But ~~its~~ ~~most~~ frequently occurs in the small pox, Measles [Hood's boy] Gout & malig^t fevers.

It was common in the yellow fever. There is such an engorgement of the vessels of the kidneys, & the Secretion of Urine is obstructed. The bladder yields no water to the Catheter.

Mr Penn died of this nephritic fever from Gout ~~Ca~~ in the year 1795.

~~His~~ Physicians called it ~~an Apoplexy~~ Palsy of the kidneys. It is known by pain in the region of the kidneys — Colic, sickness or vomiting — pain

V of the Eruptive states of fever. —

These are small pox, measles — scarlatina Cynanche maligna, & Erisipelas — the Chicken pox — Pemphigus &c are hardly worth mentioning. —

The Remedies should be suited to the state of the system — the malignity of the small pox I believe might be obviated in all cases by copious vs: — & should be given in large doses after vs: to save the breast & brain from effusion. +

Of the Cutaneous state of fever.

I distinguish this, from the former by the whole force of the disease, being translated to the Skin, so that there is neither heat — thirst, nor quick pulse. It is an febris extroversa — completely absorbed by the Skin. The Leprosy I have said I suspected to be originally a bil: malignant fever translated to the Skin — It arises from all its causes, & exists in the same circumstances,

ns, or high cold muddy Urine,
along the thigh & leg, & a retraction of
One of the testicles. But sometimes it
is attended wth no pain. Of this I saw
several instances in the yellow fever.
It is excited by causes of fever - calculi - worms by
irritation & carunculae -
Its Remedies are 1 Copious V.S. 2.
Cold Air. Dr Sydenham cured it ~~by~~ in
the small pox, by obliging his patients to
rise from their beds, & expose them=
=selves to the Action of the Cold Air.
3 purges. 4 Glysters - 5 Low diet,
& 6 Liq Laxd.^m V.S. - when chronic by medicine
Dr Hallen's & Zanis
cures - Gravel & Stone this permitted in adults. O
go to page 95 -

+ For an acc^n of the measles, see Dr Sydenham
He led me in the right way. Dr Watson
describes putrid measles - only higher
grade of inflam^n D^o - I have described
a spurious state of this disorder - see
Inguinal V.S. in beginning. D^o for cough and
goto p. 33. Diarrhoea.

The possibly heat &c from the same cause.
Remedies - the same as fevers. Leprosy cured
in Persia - by V.S. Arsenic & peppers. — ++
+ Tremors occur ~~near~~ in the Attack of
nearly all fevers. —
+ Convulsions — in children - in ~~extent~~
small pox & puerperal
~~fevers~~ they occur in malignant fevers.
Sometimes they appear in the form of Tetanus.
~~It is~~ There are pains too on the
least motion - as in Capt Taylor's case.
and upon the least noise - as in the girl in Y. fever.
— Remedies. V.S. - Blood: Blisters - Cataplasms. &
++ ~~The~~ Germans case hospital 1791
proves y. efficacy. Its ~~efficacy~~ & propriety
~~effic~~ proved by 1 ~~Tumefaction~~ cause.
2 translation to lungs & throat.
Its efficacy by 1 its ~~use~~ effects on
the skin - eyes &c even negroes
~~but~~ become whites by it. 2 ++
by experience - used in Persia &
Egypt. German's case. 2 throw
urinates & purges - Lizard.

Of the Spasmodic & convulsive ~~Spas~~ state of fevers. —

There is a scale of muscular affection which occurs in fevers. — 1 Tremors. + 2 Convulsions. ‡ 3 Spasms. These last are clonic, & tonic. The clonic alternate with relaxation, and contraction. They ~~to~~ affect the Back, hips & limbs in fevers, more especially upon the least motion. They are so acute as to make the patient cry out. The tonic are continued contractions, without any relaxation. The Tetanus is partly clonic & partly tonic — ~~at first~~ the Spasms alternate w. relaxation —

[I shall read you a very interes-
-ting Act of this ~~tetanus~~ State of fever
from Dr Gisdlestone; Act of 4th diseases
of India. p: 1. go to No 9. p: 409 &
take in all on Tetanus — then
read Gisdlestone case] —

Tobacco Glysters cured Tetanus
by Dr: Martin at Germantown.

After a while they are constant keeping the body bent forward, or backwards, & the Jaw locked. Go to No 9: p: 391

~~It is this~~ These ~~but~~ Convulsive spasms some of the common marks of and occur sometimes with fever, ~~But~~ from the same ~~they are often~~ causes. ~~But they often appear worst a quick pulse~~ — from the causes of fever stopping by the bloodvessels, and fixing the morbid action wholly in the muscles. ~~Dr~~

~~The~~ That ~~this~~ is the case I infer from ~~many~~ a fact related by Dr Girdlestone viz: a number of Soldiers slept on the ground in the East Indies — next day ~~a~~ wholesome of them were affected with common bil: fever — Other, had Hepatitis, Condensed fever, and

V Clavis hysterica. It is commonly said here that patients have a complication of diseases, but it not so, — the remote cause of fever only affects parts here as in the gout predisposed from debility to morbid actions.

The Remedies for fever ought be strictly adhered to, adding to them such Articles as act specifically on the nervous system particularly Asafetida. — The pulse ought be narrowly watched in ~~this~~ all nervous diseases. From the neglect of it, many new: diseases have been rendered coeval with a long life. Occasional Vs: prepares the way for new: meds acting with more effect.